

Notice of Allowability

Application No.

09/642,722

Examiner

Anthony T Ton

Applicant(s)

WILEY ET AL.

Art Unit

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/12/2004.
2. ☒ The allowed claim(s) is/are 1-32.
3. ☒ The drawings filed on 12 July 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

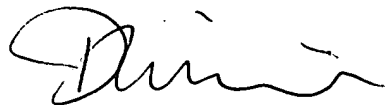
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



PHIRIN SAM
PRIMARY EXAMINER



DETAILED ACTION

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance:

a) **In Regarding to Claims 1-16:** The prior arts of record fail to teach a communication system comprising a combination of steps of:

a signaling processing system configured to receive signaling identifying a first correction for a call, process the signaling to select an identifier and a second connection, transfer a first message indicating the first connection and the identifier, and transfer a second message indicating the identifier and the second connection;

a first interworking unit configured to receive user communications for the call and the first message, interwork the user communications into asynchronous communications including the identifier in response to the first message, and transfer the asynchronous communications;

an optical network configured to receive the asynchronous communications from the first interworking unit and transfer the asynchronous communications over an optical network; and

a second interworking unit configured to receive the asynchronous communications from the optical network and the second message, interwork the asynchronous communications into the user communications based on the identifier, and transfer the user communications over the second connection in response to the second message.

b) **In Regarding to Claims 17-32:** The prior arts of record fail to teach a method for communicating over networks comprising a combination of steps of:

in a signaling processing system, processing a signaling to select an identifier and a second connection;

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transferring a first message indicating a first connection and the identifier from the signaling processing system to a first interlocking unit;

transferring a second message indicating the identifier and the second connection from the signaling processing system to a second interlocking unit;

in the first interworking unit, interworking user communications into asynchronous communications including the identifier in response to the first message;

transferring the asynchronous communications including the identifier from the first interworking unit to an optical network;

transferring the asynchronous communications over the optical network;

in the second interworking unit, interworking the asynchronous communications into the user communications based on the identifier; and

transferring the asynchronous communications over the second connection from the second interworking unit in response to the second message.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Examiner Information


3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Anthony T Ton** whose telephone number is **571-272-3076**. The examiner can normally be reached on M-F: 8:30 am - 5:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Ken Vanderpuye** can be reached on **571-272-3078**. The fax phone number for the organization where this application or proceeding is assigned is **703-872-9306**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Respectfully submitted,

by : 
Anthony T. Ton
Patent Examiner
December 02, 2004


PHIRIN SAM
PRIMARY EXAMINER